

Beginner Marquise

by Michiko Huynh (April 2011)

Angles for R.I. = 1.540

37 + 12 girdles = 49 facets

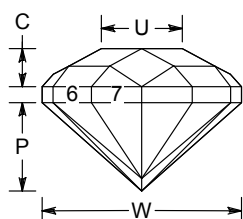
2-fold, mirror-image symmetry

96 index

L/W = 2.001 T/W = 0.704 U/W = 0.406

P/W = 0.443 C/W = 0.189

Vol./W³ = 0.493



PAVILION

- | | | | |
|---|--------|-------------|--|
| 1 | 41.78° | 22-26-70-74 | Cut to the permanent center point. |
| 2 | 40.55° | 21-27-69-75 | Cut to the permanent center point. |
| 3 | 90.00° | 22-26-70-74 | Set the stone width. |
| 4 | 43.05° | 16-32-64-80 | Meet the facets 1 and 2 at the girdle. |
| 5 | 40.50° | 12-36-60-84 | Meet the facets 2 and 4. |
| 6 | 90.00° | 16-32-64-80 | Chain-cut the girdle. |
| 7 | 90.00° | 12-36-60-84 | Chain-cut the girdle. |

CROWN

- | | | | |
|---|--------|-------------|--|
| A | 37.12° | 12-36-60-84 | |
| B | 38.56° | 16-32-64-80 | |
| C | 47.48° | 22-26-70-74 | |
| D | 16.28° | 96-48 | |
| E | 16.83° | 16-32-64-80 | |
| F | 28.10° | 24-72 | Notice the facets F don't meet the girdle. |
| G | 0.00° | Table | |

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